of the first and second inlet axes is inclined relative to the other and the elongated axis for introducing the respective reagent-mixture component stream into the mixing chamber in a different flow direction than the other reagent-mixture component stream to thereby create turbulence in the combined reagent-mixture stream, and

an outlet port located downstream of the inlet ports for receiving the combined reagent-mixture stream; and

means coupled in fluid communication with the outlet port for at least one of (i) chemically analyzing and (ii) analyzing a particle distribution of the combined reagent-mixture stream.

43[(New)]An apparatus as defined in claim 42, wherein the second inlet port is angularly spaced relative to the first inlet port and defines a second inlet axis oriented transverse to the elongated axis, and the second inlet port is coupled in fluid communication with the pumping means for introducing a second reagent-mixture component stream into the mixing chamber in a different flow direction than the first reagent-mixture component stream to thereby create turbulence in the combined reagent-mixture stream.

In the drawings:

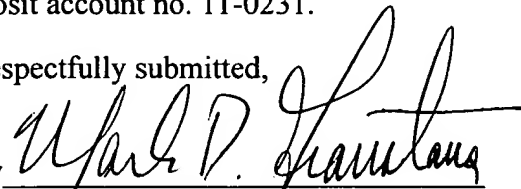Please amend FIGS. 3, 4, 7, 9, 11 and 12 as indicated in red ink on the attached sheets.

Remarks

Claims 7-30 have been canceled and new claims 40-43 have been added to cover non-elected subject matter from the parent application, and therefore claims 1-6 and 31-43 are pending in this application. It is respectfully submitted that these claims are allowable.

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No fee in addition to that submitted herewith is believed to be required; however, if an additional fee is required, or otherwise if necessary to cover any deficiency in fees paid, authorization is hereby given to charge our deposit account no. 11-0231.

Respectfully submitted,

By _____
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